

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026312.D
 Acq On : 05 Jan 2022 08:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 08:24:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	108529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72845	46.395	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.800%		
35) Dibromofluoromethane	5.391	113	56598	47.201	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.400%		
50) Toluene-d8	8.653	98	201358	45.146	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.300%#		
62) 4-Bromofluorobenzene	11.079	95	78027	49.142	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	54463	47.781	ug/l	99
3) Chloromethane	1.294	50	55420	41.770	ug/l	99
4) Vinyl Chloride	1.380	62	60571	43.378	ug/l	99
5) Bromomethane	1.605	94	26580	30.844	ug/l	100
6) Chloroethane	1.685	64	36962	37.643	ug/l	100
7) Trichlorofluoromethane	1.892	101	96443	40.095	ug/l	97
8) Diethyl Ether	2.136	74	36478	44.145	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	59377	46.825	ug/l	98
10) Methyl Iodide	2.459	142	53346	32.531	ug/l	100
11) Tert butyl alcohol	2.959	59	68981	219.965	ug/l	98
12) 1,1-Dichloroethene	2.325	96	59072	49.154	ug/l	98
13) Acrolein	2.239	56	25323	225.821	ug/l	98
14) Allyl chloride	2.666	41	109031	45.908	ug/l	97
15) Acrylonitrile	3.062	53	180152	232.025	ug/l	99
16) Acetone	2.380	43	159868	187.925	ug/l	98
17) Carbon Disulfide	2.514	76	164790	47.778	ug/l	99
18) Methyl Acetate	2.703	43	127312	46.138	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	224005	53.364	ug/l	100
20) Methylene Chloride	2.794	84	65988	48.484	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	64800	49.427	ug/l	99
22) Diisopropyl ether	3.763	45	223301	49.261	ug/l	93
23) Vinyl Acetate	3.727	43	887932	246.686	ug/l	98
24) 1,1-Dichloroethane	3.617	63	121641	49.517	ug/l	99
25) 2-Butanone	4.556	43	259263	218.783	ug/l	97
26) 2,2-Dichloropropane	4.483	77	83385	45.052	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	75061	50.325	ug/l	95
28) Bromochloromethane	4.903	49	49148	45.139	ug/l	92
29) Tetrahydrofuran	5.007	42	169380	226.772	ug/l	96
30) Chloroform	5.099	83	125638	48.354	ug/l	99
31) Cyclohexane	5.477	56	108779	48.650	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	113333	50.174	ug/l	99
36) 1,1-Dichloropropene	5.696	75	91634	47.380	ug/l	99
37) Ethyl Acetate	4.714	43	103995	46.375	ug/l	99
38) Carbon Tetrachloride	5.684	117	96776	44.984	ug/l	98
39) Methylcyclohexane	7.385	83	103308	47.354	ug/l	95
40) Benzene	6.043	78	275041	49.829	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	59564	47.037	ug/l	95
42) 1,2-Dichloroethane	6.092	62	103990	46.552	ug/l	98
43) Isopropyl Acetate	6.342	43	173864	47.572	ug/l	99
44) Trichloroethene	7.129	130	76738	51.667	ug/l	98
45) 1,2-Dichloropropane	7.433	63	68480	48.504	ug/l	96
46) Dibromomethane	7.580	93	47846	45.689	ug/l	98
47) Bromodichloromethane	7.824	83	95530	44.838	ug/l	96
48) Methyl methacrylate	7.696	41	83966	47.904	ug/l	94
49) 1,4-Dioxane	7.659	88	24998	773.899	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	507430	223.106	ug/l	99
52) Toluene	8.720	92	179949	52.956	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	96836	43.010	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	104696	46.493	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	65914	47.197	ug/l	97
56) Ethyl methacrylate	9.116	69	111680	51.849	ug/l	96
57) 1,3-Dichloropropane	9.311	76	114236	47.753	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	272625	237.286	ug/l	98
59) 2-Hexanone	9.433	43	380327	220.760	ug/l	100
60) Dibromochloromethane	9.525	129	70085	44.299	ug/l	99
61) 1,2-Dibromoethane	9.610	107	70214	46.988	ug/l	100
64) Tetrachloroethene	9.275	164	76337	56.005	ug/l	99
65) Chlorobenzene	10.079	112	171164	48.239	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	65312	48.305	ug/l	99
67) Ethyl Benzene	10.195	91	318372	50.181	ug/l	98
68) m/p-Xylenes	10.305	106	245281	103.542	ug/l	95
69) o-Xylene	10.640	106	118271	51.027	ug/l	94
70) Styrene	10.659	104	196932	51.828	ug/l	97
71) Bromoform	10.799	173	46708	42.584	ug/l #	99
73) Isopropylbenzene	10.963	105	306774	50.895	ug/l	98
74) N-amyl acetate	10.841	43	147931	53.448	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	90463	44.129	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	90021m	48.095	ug/l	
77) Bromobenzene	11.201	156	73546	51.451	ug/l	94
78) n-propylbenzene	11.305	91	354345	51.130	ug/l	98
79) 2-Chlorotoluene	11.366	91	216560	50.764	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	259599	51.898	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	22898	35.392	ug/l	87
82) 4-Chlorotoluene	11.457	91	249842	51.857	ug/l	95
83) tert-Butylbenzene	11.719	119	241792	49.801	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	262135	52.447	ug/l	97
85) sec-Butylbenzene	11.890	105	308035	50.840	ug/l	99
86) p-Isopropyltoluene	12.012	119	260821	51.638	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	136971	51.044	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	136807	47.552	ug/l	99
89) n-Butylbenzene	12.335	91	218102	48.588	ug/l	99
90) Hexachloroethane	12.542	117	38175	37.841	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	133317	47.894	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22515	42.904	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	82756	50.310	ug/l	99
94) Hexachlorobutadiene	13.725	225	31912	46.725	ug/l	98
95) Naphthalene	13.774	128	304284	50.771	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	83433	49.853	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

